

ABSTRACT

A chain reaction control circuit for parallel power supply provides greater power without changing the design of the original power supply structure. It includes a control unit to receive a first power actuation signal output from a power actuation unit, then output multiple sets of second power actuation signals to parallel power supplies. The multiple power supplies that are coupled in parallel receive the second power actuation signals and transform electric power simultaneously, then output electric power. After the electric power transformation has been finished, first power confirmation signals are output from the power supplies to the control unit which receives the first power confirmation signals and outputs a second power confirmation signal to a linked load. And the power supplies supply the corresponding and matching electric power to a linked load.